



# Iowa's Critical Health Issues

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# Overview

- \* Overview of Healthy Iowans Process
- \* County Community Health Needs Assessments (CHNA)
- \* 2016 Results of County CHNA Reports
- \* Initial Themes of Healthy Iowans Recommendations from Stakeholders
- \* Next Steps in the Healthy Iowans Process & Timeline

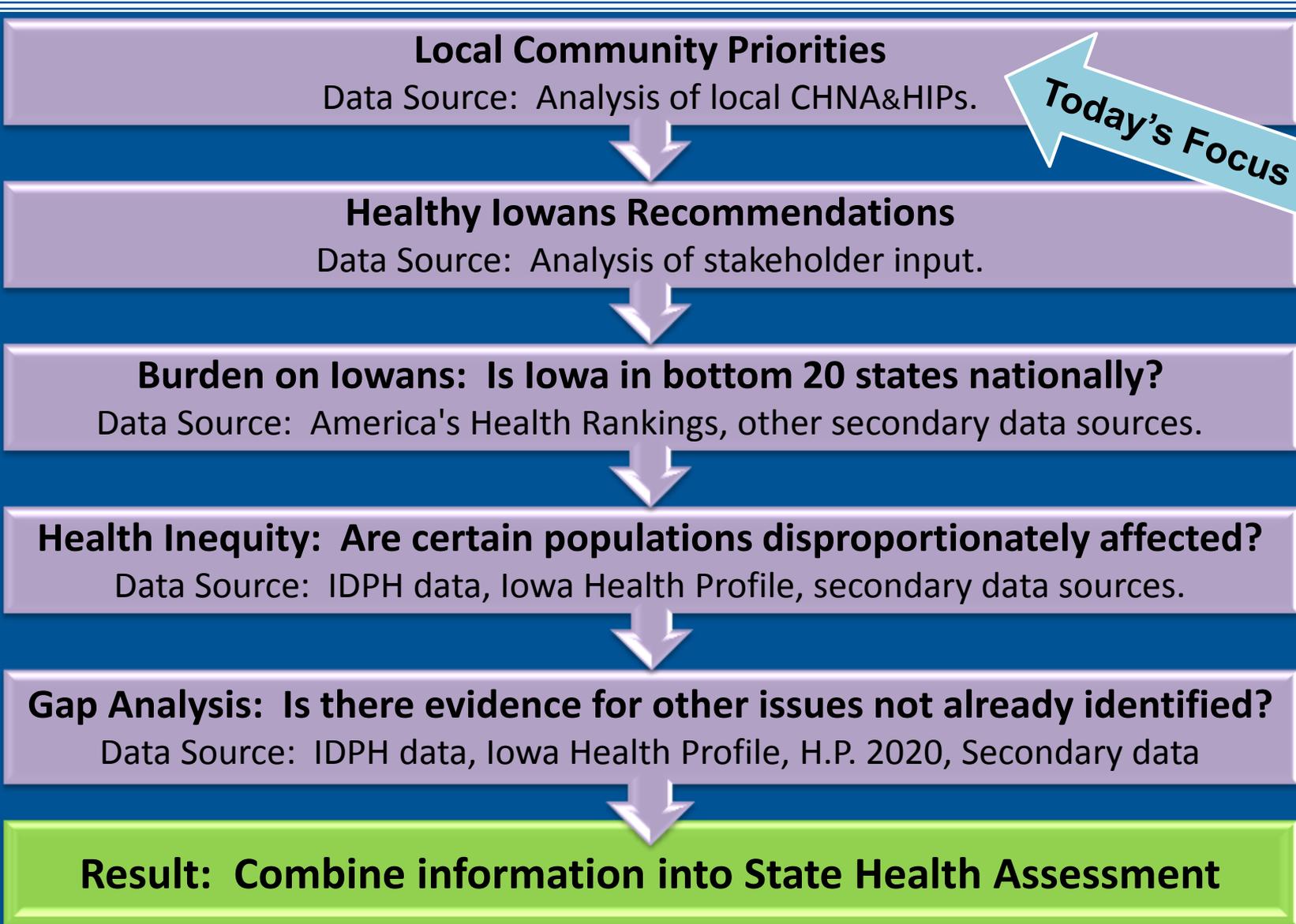


# Healthy Iowans Overview

- \* Healthy Iowans is Iowa's five-year health needs assessment & improvement plan that focuses on the state's priority health issues & provides a blueprint for addressing them
- \* Collaborative process that includes local community health assessments & stakeholder groups/agencies from across the state



# Healthy Iowans Methodology



# CHNA & HIP: What is it?

- \* CHNA = Community Needs Assessment
- \* HIP = Health Improvement Plan
- \* A report on a community's health needs/issues & what can be done about them
- \* Local boards of health in collaboration with community partners discuss issues & priorities



# CHNA Analysis Process

- \* Qualitative analysis of CHNA reports serves as the foundation for critical issues addressed in Healthy Iowans
- \* Issues identified in CHNA reports classified into pre-defined categories
  - Categories based on 2011 analysis, Healthy People 2020, & emerging issues
  - Added social determinant categories to better define underlying factors that contribute to health issues



# CHNA Analysis (continued)

- \* Over 120 needs & tags for lifespan & special populations
  - Youth, elderly, minority, low income, disability
- \* In total, 98 counties identified 2,461 issues
- \* Analysis & categorization of those issues is the foundation for Healthy Iowans
  - Ability to roll needs up in different ways



# CHNA Analysis (continued)

- \* Depending on comprehensiveness of report/assessment the list may not reflect all of the needs/issues that exist within a particular community
- \* Results only reflect what was cited in the CHNA report submitted by each county



# Analysis Overview

Focus Area	# of mentions	# of counties
Healthy Living	948	97
Health Infrastructure	702	98
Injuries & Violence	274	83
Epidemics & Spread of Disease	223	80
Environmental Hazards	179	86
Preparedness	135	75
<b>Total</b>	<b>2461</b>	<b>98</b>

- \* Access issues placed in HL category were regrouped into the HI category (e.g.: Access to mental health services)
- \* Priority weights within categories made very little difference in order

# Top 10 CHNA&HIP Issues Identified



Issue	# of mentions	# of counties
NWS: Obesity, Nutrition & Physical Activity	225	86
Mental Health, Illness & Suicide	156	69
SDH: Access HS: Mental Health	75	68
Immunizations	149	60
Alcohol & Binge Drinking	95	55
Tobacco/Nicotine Use	77	52
SDH: Transportation	89	49
NWS SDH: Access to outlets for physical activity; food access	70	45
SDH: Access HS: Oral/Dental Health	63	42
Diabetes	46	42



# #11-20 CHNA&HIP Issues Identified



Issue	# of mentions	# of counties
Cancer	77	41
Water Quality & Safety	49	41
Emergency Response: Network Infrastructure & Planning	41	40
Heart Disease & Stroke	79	39
SA: Prescription, Illegal & Other Drugs	62	39
SDH: Income/Poverty	63	38
Injury: Motor Vehicle Crashes	51	37
Injury: Falls	46	37
Radon	38	37
Infectious Disease: HIV & STD	50	35



# County Peer Group Comparison

- \* Metropolitan Statistical Area (MSA) (20 counties)
- \* Large (21 counties with 20,000 to 50,000 residents)
- \* Medium (36 counties with 10,000 to 20,000 residents)
- \* Small (22 counties with less than 10,000 residents)



# County Peer Group Comparison



Issue	Rank MSA	Rank Large	Rank Medium	Rank Small
Obesity, Nutrition & Physical Activity	1	1	1	1
Mental Health, Illness & Suicide	2	2	3	2
SDH: Access HS: Mental Health	3	3	2	2
Immunizations	8	3	4	2
Alcohol & Binge Drinking	5	3	5	5
Tobacco/Nicotine Use	6	6	6	5
SDH: Transportation	8	7	6	5
NWS SDH: Access to outlets for physical activity; food access	4	7	6	31
SDH: Access HS: Oral Health/Dental	6	11	17	10
Diabetes	16	7	14	10



# Public Health Regions



Issue	Region/Rank					
	1	2	3	4	5	6
Obesity, Nutrition & Physical Activity	1	1	1	1	2	2
Mental Health, Illness & Suicide	2	8	3	5	2	1
SDH: Access HS: Mental Health	3	8	2	2	1	5
Immunizations	8	2	4	8	4	5
Alcohol & Binge Drinking	5	5	9	11	4	3
Tobacco/Nicotine Use	5	12	5	5	9	5
SDH: Transportation	3	17	5	22	6	5
NWS SDH: Access to physical activity outlets; food access	10	5	16	11	15	4
SDH: Access HS: Oral Health/Dental	10	32	16	3	9	11
Diabetes	10	14	12	17	9	5

# Population Weighted Analysis

Issue	Population Total	Rank # Counties
NWS: Obesity, Nutrition & Physical Activity	7,840,164	1
Mental Health, Illness & Suicide	5,794,686	2
Immunizations	4,349,802	4
NWS SDH: Access to outlets for physical activity; food access	3,169,720	8
SDH: Access HS: Mental Health	2,675,074	3
Heart Disease & Stroke	2,441,922	14
Alcohol & Binge Drinking	2,385,410	5
SDH: Transportation	2,301,332	7
HIV & STD	2,219,508	20
Cancer	2,197,841	11



# Population Weighted Analysis

## \* Issues that drop out of the Top 10:

- #6: Tobacco/Nicotine Use (14<sup>th</sup>)
- #9: SDH: Access HS: Oral/Dental Health (13<sup>th</sup>)
- #10: Diabetes (20<sup>th</sup>)

## \* Other notable changes:

- Water Quality & Safety (would drop from 11<sup>th</sup> to 26<sup>th</sup>)
- Emergency Response: Network Infrastructure, Plan, Notification (13<sup>th</sup> to 31<sup>st</sup>)



# Population Weighted Analysis

- \* Other notable changes (continued):
  - Injury: Falls (17<sup>th</sup> to 23<sup>rd</sup>)
  - Injury: Motor Vehicle Crashes (17<sup>th</sup> to 28<sup>th</sup>)
  - Radon (17<sup>th</sup> to 29<sup>th</sup>)
  - Neighborhood & Built Environment (would move up from 56<sup>th</sup> to 21<sup>st</sup>)
  - General & other access to health services issues, community awareness of health issues/health literacy, safe/affordable housing, & health insurance each would move into the top 20.



# Elderly Wellness (65+)

- \* 52 counties specifically mentioned elderly as a target population
- \* Top 5 issues:
  - Injury: Falls (20 counties)
  - Aging in Place; Support Services (13)
  - Mental Health, Illness & Suicide, including Alzheimer's / Dementia (11)
  - Flu Immunizations (11)
  - SDH: Transportation (9)

Others: Chronic Disease, NWS, Substance Abuse



# Youth Issues



Top Issues: Youth-Related	# of mentions	# of counties
Immunizations	86	44
Mental Health, Illness & Suicide	49	31
Alcohol & Binge Drinking	40	30
NWS: Obesity, Nutrition & Physical Activity	47	29
Tobacco/Nicotine Use	28	28
Family Planning/Reproductive Health	24	23
Child Abuse & Neglect	23	22
Prescription, Illegal & Other Drugs Abuse	26	21
SDH: Income/Poverty	21	21
Environmental Health: Lead	14	14
Family/Parenting Support	13	13
<b>Totals</b>	<b>456</b>	<b>87</b>

# Nutrition & Weight Status

Top Issues: Nutrition & Weight Status	# of mentions	# of counties
Obesity	98	74
Physical Activity	71	59
Nutrition	57	43
Healthy Food Access	45	32
Access to Outlets for Physical Activity--Parks, Sidewalks, Workout Facilities	25	25
<b>Totals</b>	<b>296</b>	<b>88</b>

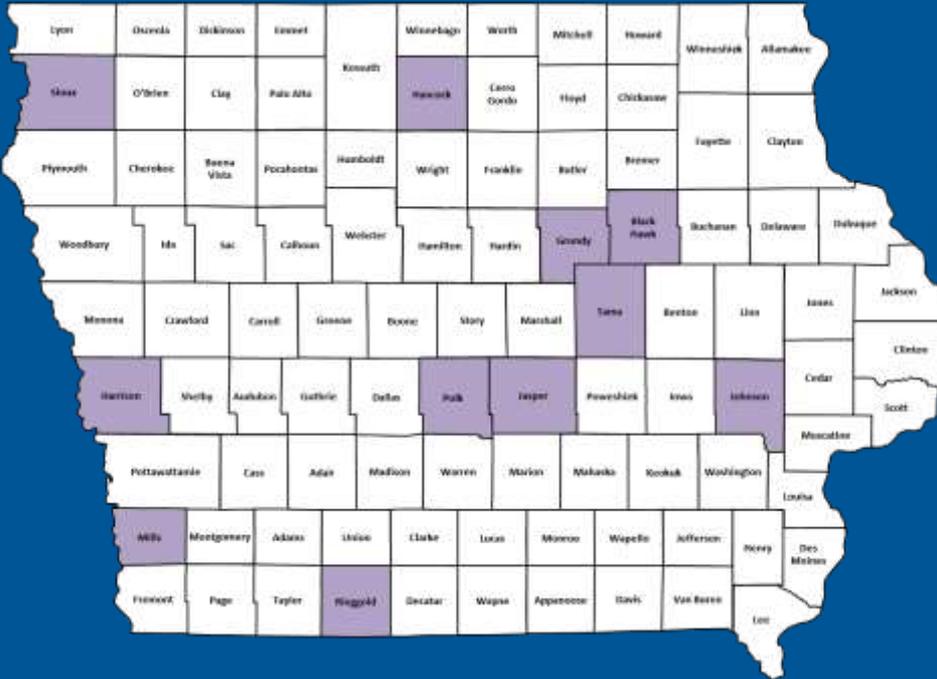


# All Nutrition Related Issues



2011

2016



# All Physical Activity Issues



2011

2016



# Mental Health



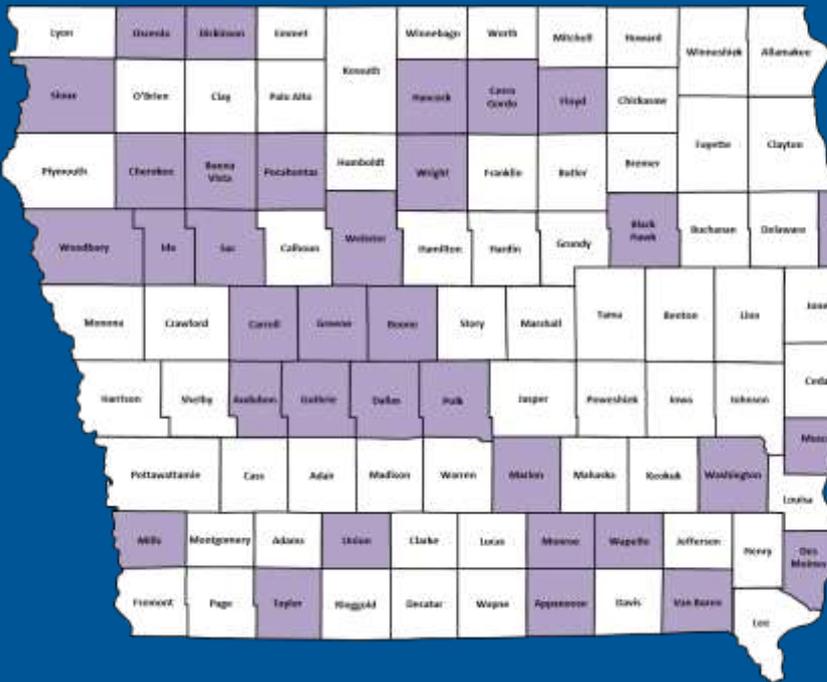
Top Issues: Mental Health	# of mentions	# of counties
Access to Mental Health Providers & Services	75	68
Mental Illness: Unspecified	75	55
Suicide	44	29
Mental Illness: Depression & Anxiety	29	19
<b>Totals</b>	<b>232</b>	<b>85</b>

# Mental Health Providers & Services



2011

2016



# All Mental Health Related Issues



2011

2016



# Substance Abuse

Top Issues: Substance Abuse	# of mentions	# of counties
Alcohol & Binge Drinking	95	55
Tobacco/Nicotine Use	77	52
Prescription, Illegal & Other Drugs	62	39
Substance Abuse: Unspecified	18	17
Lack of Substance Abuse Providers & Services	11	11
<b>Totals</b>	<b>264</b>	<b>73</b>







# Chronic Disease & Cancer



Top Issues: Chronic Disease & Cancer	# of mentions	# of counties
Heart Disease & Stroke	79	39
Diabetes	46	42
Asthma, Respiratory	21	18
Chronic Disease: Other/Unspecified	17	17
<b>Totals</b>	<b>176</b>	<b>58</b>
Cancer: Unspecified/General	28	28
Colorectal Cancer	18	16
Breast Cancer	14	13
<b>Totals</b>	<b>77</b>	<b>41</b>

# Diabetes



2011

2016



# Maternal, Infant & Child Health



Top Issues: Maternal, Infant & Child Health	# of mentions	# of counties
Family Planning & Reproductive Health	30	24
Prenatal Health & Obstetrics	20	18
Family/Parenting Support	13	13
Single-Parent Headed Households	11	11
<b>Totals</b>	<b>101</b>	<b>52</b>



# Injury & Violence



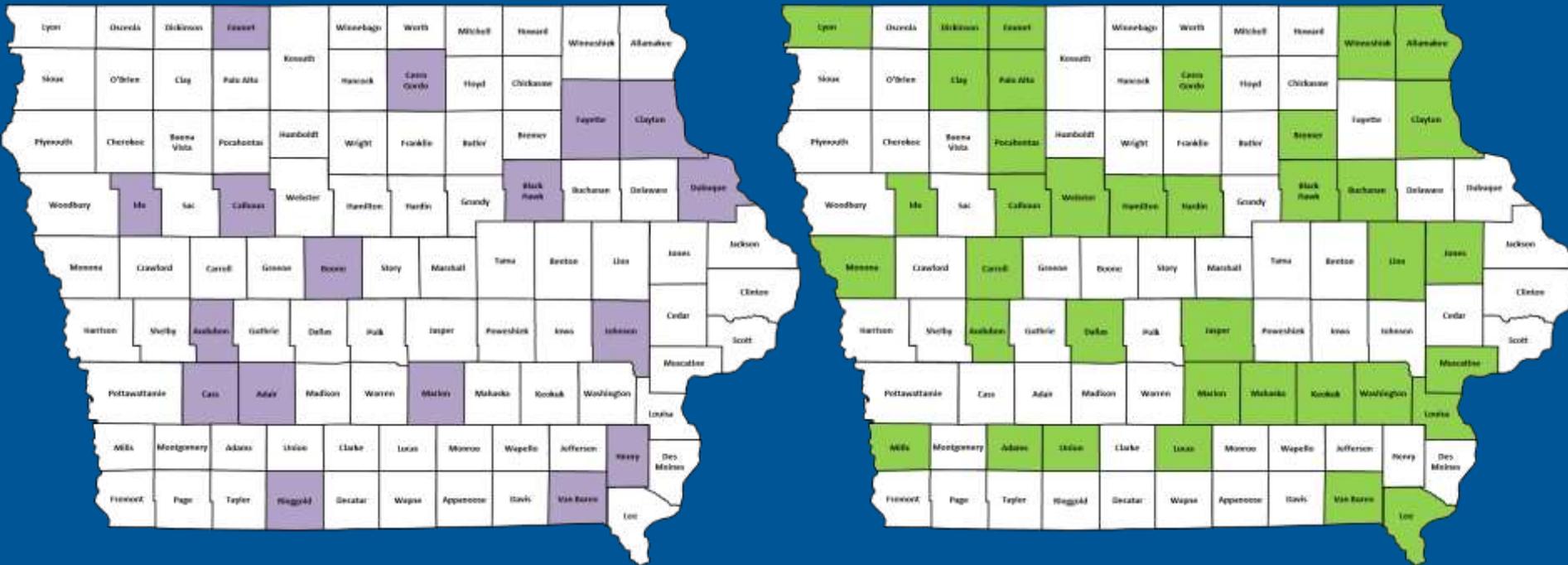
Top Issues: Injury & Violence	# of mentions	# of counties
Motor Vehicle Crashes	51	37
Falls	46	37
Suicide	44	29
Injury: Unspecified/General	24	23
Child Abuse & Neglect	23	22
Domestic Violence	23	19
Violent Crime	12	12
Unintentional Injury: Other issues	11	11
EMS: Lack of Volunteers, Training, Pay, Response Time	11	11
<b>Totals</b>	<b>274</b>	<b>83</b>

# Falls



2011

2016



# Environmental Health

Top Issues: Environmental Health	# of mentions	# of counties
Water Quality & Safety	49	41
Radon	38	37
Lead	24	22
Outdoor Air Quality	18	18
Safe, Affordable Housing	15	15
Environmental Health: Other issues	9	8
Food Safety	7	7
Indoor Air Quality – CO, mold, asthma triggers (excludes radon)	7	7
Inspections/Investigations/Laws	4	4
<b>Totals</b>	<b>179</b>	<b>86</b>

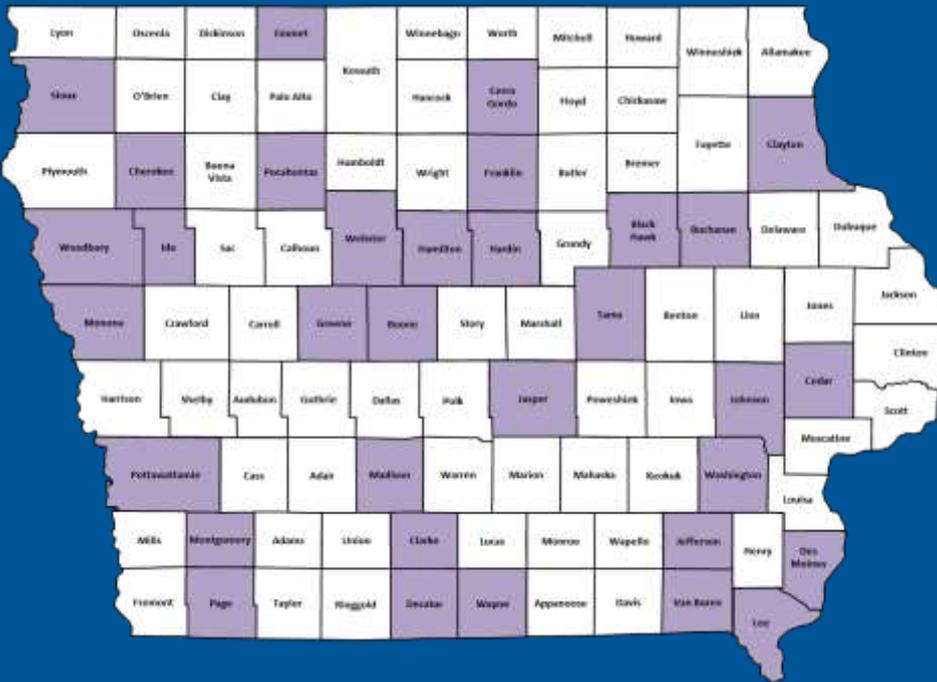


# Environmental Health: Lead



2011

2016

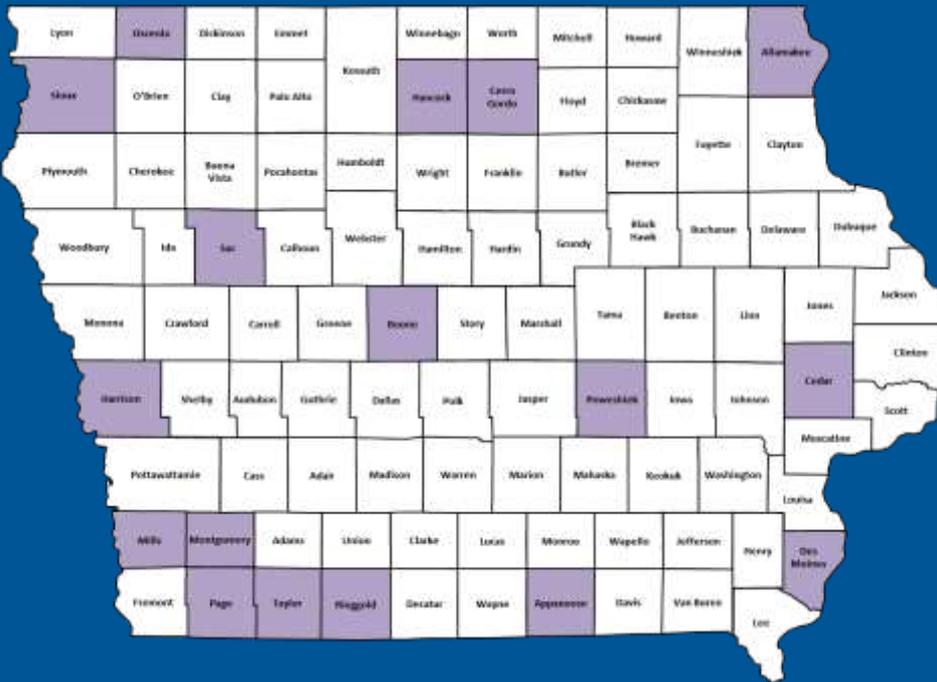


# Environmental Health: Radon



2011

2016



# Preparedness



Top Issues: Preparedness	# of mentions	# of counties
Network Infrastructure & Planning	41	40
Personnel-Volunteers, Training	27	27
Residents not Prepared	22	22
Communication System	15	15
Physical Infrastructure & Resources, Surge Capacity	12	12
<b>Totals</b>	<b>135</b>	<b>75</b>

# Immunizations & Infectious Disease



Top Issues: Immunizations & Infectious Disease	# of mentions	# of counties
Immunizations	147	59
HIV & STD	41	35
Reportable Diseases, Surveillance, Management, & Investigation Capacity	15	15
<b>Totals</b>	<b>223</b>	<b>80</b>



# Access to Health & Healthcare



Top Issues: Access to Health & Healthcare	# of mentions	# of counties
Lack of Mental Health Service Providers/Services	75	68
Lack of Oral Health/Dental Providers/Services	63	42
Lack of Transportation to Health Services	47	36
Insurance, Uninsured & Underinsured	37	31
Lack of Primary Care Providers	32	28
Quality Healthcare & Services	31	25
Education of Health Issues/Health Literacy	28	26
Lack of Other Health Services	27	19
Other Access to Health Services Issues	23	23
<b>Totals</b>	<b>449</b>	<b>95</b>



# Economic Stability



Top Issues: Economic Stability	# of mentions	# of counties
Income/Poverty	63	38
Transportation (other than to Health Services)	46	38
Food Access	45	32
Safe, Affordable Housing	35	28
Affordability of Health Services	11	11
Workforce: Recruitment, Training, Retention, & Succession Planning	11	11
Single-Parent Headed Households	11	11
<b>Totals</b>	<b>239</b>	<b>77</b>

# Other Social Determinants

Other Issues: Social Determinants	# of mentions	# of counties
Access to Outlets for Physical Activity	25	25
Built Environment Unspecified/General	7	7
Climate Change/Global Warming	3	3
Built Environment-Air Quality	1	1
<b>Neighborhood &amp; Built Environment Totals</b>	<b>36</b>	<b>28</b>
Education Attainment Level	9	9
Access to Quality Childcare	8	7
<b>Education Totals</b>	<b>17</b>	<b>14</b>
Social & Community Support	11	10
Cultural Competence	4	4
Health Policy/Laws	2	2
<b>Social &amp; Community Context Totals</b>	<b>17</b>	<b>13</b>



# Emerging Issues?

- \* Care Coordination & Local Collaboration
- \* Emergency Services (EMS)--Volunteers, Training, Pay, Response Time
- \* Hospital Readmissions/Preventable Hospital Admissions
- \* Aging in Place--Elderly Wellness, Support Services
- \* Health Services: Hours of Operation
- \* Climate change—Environmental Health & Preparedness implications



# Healthy Iowans Recommendations



- \* About 120 stakeholders submitted up to 3 priority health issues
- \* Issues identified mostly mirrored the CHNA analysis results
- \* Some exceptions:
  - Emphasis on data—timeliness, relevance, ease of use, etc.
  - Emphasis on policy level change
  - More specific intervention focused issues & target populations



# What's Next?



## Local Community Priorities

Data Source: Analysis of local CHNA&HIPs.



## Healthy Iowans Recommendations

Data Source: Analysis of stakeholder input.



## Burden on Iowans: Is Iowa in bottom 20 states nationally?

Data Source: America's Health Rankings, other secondary data sources.



## Health Inequity: Are certain populations disproportionately affected?

Data Source: IDPH data, Iowa Health Profile, secondary data sources.



## Gap Analysis: Is there evidence for other issues not already identified?

Data Source: IDPH data, Iowa Health Profile, H.P. 2020, Secondary data



**Result: Combine information into State Health Assessment**



# Timeline

- \* CHNA/HIP Information posted to website—Late Spring 2016
- \* Publish Draft Needs Assessment for comment—Summer 2016
- \* Develop State Health Improvement Plan—Fall 2016
- \* Publish Plan—Jan 2017



# Contact Information

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